

CERCA Weekly Newsletter

January 18, 2019

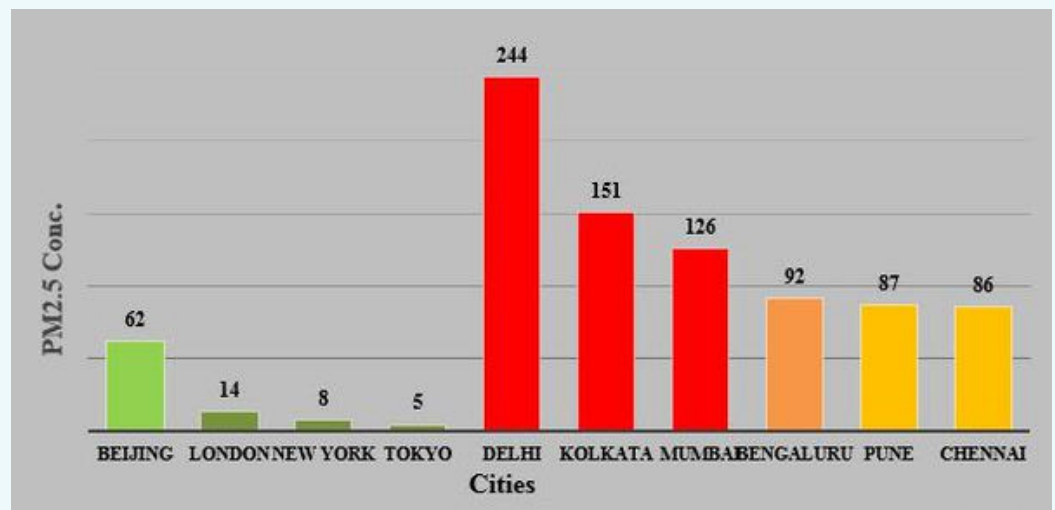
Center of Excellence for Research on Clean Air



Indian Institute of Technology, Delhi



Air Quality in different cities



Delhi, Kolkata air quality is Very Poor whereas Beijing is Satisfactory

January 18, 2019, 10:00-11:00 IST (Hourly Average)

Data Source: Berkeley Earth

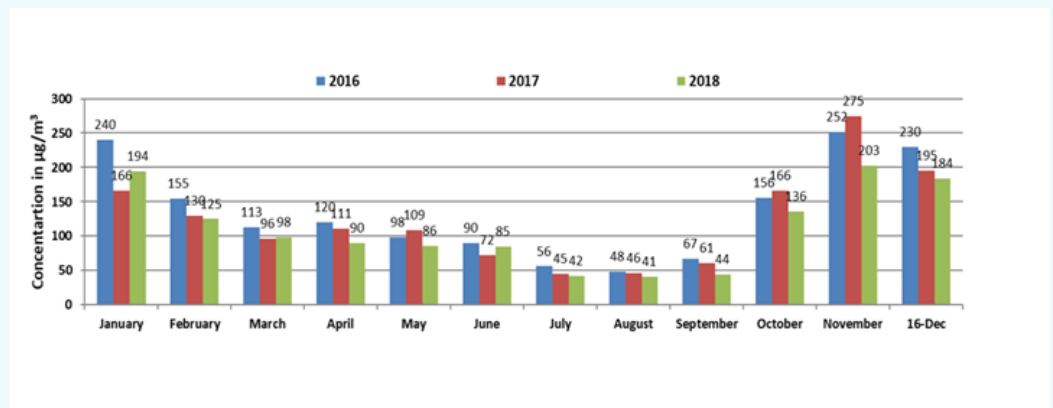
Delhi air quality for last 30 days



Average PM2.5 Air Quality for 10 stations in Delhi.

Data Source: CPCB

Delhi long term air quality trend



About 18 % decrease in PM2.5 levels in October, about 26 % in November and about 6 % in December 2018 in comparison to corresponding months in 2017 have been observed.

Thought Leadership

Air pollution: Silent killer

It is a frightening thought that there a silent killer out there, claiming hundreds of Maltese lives every year.

<http://www.independent.com.mt/articles/2018-11-09/newspaper-leader/TMID-Editorial-Environment-Air-pollution-a-silent-but-effective-killer-6736199061>

Source: Independent

New Measures and Initiatives

Bi-weekly action plan

The national capital would soon have bi-weekly action plans prepared by Scientist from IIT-D to help authorities tackle the deadly air pollution, especially in the winter season when the air quality reduces to 'severe' levels.

<https://www.hindustantimes.com/delhi-news/delhi-to-get-its-first-bi-weekly-pollution-action-plans-by-february/story-Bxx3QcD9ZBvd5fSbkgDOhN.html>

Source: Hindustan Times

Action to be taken against violators: CPCB

The Central Pollution Control Board (CPCB) has asked the Delhi Pollution Control Committee (DPCC) to submit a report on mechanisms which are followed for daily monitoring of complaints related to air pollution and action taken against such complaints.

<https://krishijagran.com/news/delhi-air-pollution-alert-cpcb-wants-action-taken-against-violators/>

Source: Krishi Jagran

Health Impact

Air Pollution Leads to Millions of ER Visits for Asthma Attacks Worldwide

Nine to 33 million visits to the emergency room for asthma worldwide may be triggered by breathing in air polluted by ozone or fine particulate matter

https://www.eurekalert.org/pub_releases/2019-01/ats-api011719.php

Source: Eurekaalert

Is air pollution causing psychological distress?

Air pollution is the fourth-largest threat to human health, behind high blood pressure, dietary risks and smoking, and it has been linked to mental distress as well.

<https://www.accuweather.com/en/weather-news/people-are-at-a-higher-level-of-psychological-distress-in-areas-with-higher-air-pollution-study-says/70007069>

Source: Accuweather

International Developments

Cars to record London air pollution

Google Street View cars carrying air quality sensors to map up real-time pollution hotspots are part of a new scheme to help clean up London's air.

<https://www.bbc.com/news/uk-england-london-46878067>

Source: BBC

UK Govt. launches new plan to tackle air pollution

The government has set out new plans on air pollution that ministers say go beyond existing EU rules, with a pledge to improve air quality nationwide to the standards the World Health Organization (WHO) recommends.

<https://www.theguardian.com/environment/2019/jan/14/new-air-pollution-plans-improve-on-eu-rules-government-claims>

Source: *The Guardian*

New Research (study) or Policy

[In Lucknow, Artificial Lungs Turn Black in a Day. Took 6 Days for Delhi](#)

The capital of northern Uttar Pradesh state, Lucknow, has taken over national capital Delhi in terms of air pollution. Artificial lungs were installed in the Lalbagh area near Nagar Nigam office in Lucknow and they turned black within a day.

<https://www.financialexpress.com/lifestyle/health/lucknow-air-worse-than-delhi-artificial-lungs-turn-black-within-a-day/1445693/>

Source: *Financial Express*

[Muck-spreading could be banned to reduce air pollution](#)

New government strategy aims to reduce ammonia emissions by changing farming methods.

<https://www.theguardian.com/environment/2019/jan/14/muck-spreading-could-be-banned-to-reduce-air-pollution>

Source: *The Guardian*

New Technology

[India's EV goals are being realised on two wheels, not four](#)

Government has set a target of electric vehicles making up 30 percent of new sales of cars and two-wheelers by 2030 from less than 1 per cent today.

<https://www.thehindubusinessline.com/economy/indias-ev-goals-are-being-realised-on-two-wheels-not-four/article25995048.ece>

Source: *The Hindu Businessline*

[Green Panel Slaps Fine of Rs. 171-Crore on Volkswagen for causing Air Pollution](#)

The green panel had earlier said the use of "cheat device" by Volkswagen in diesel cars in India leads to inference of environmental damage and asked the German car maker to deposit an interim amount of Rs. 100 crore with the Central Pollution Control Board.

<https://indianexpress.com/article/business/companies/volkswagen-scandal-comes-to-india-ngt-expert-panel-slaps-rs-171-crore-fine-as-health-cost-5538538/>

Source: *Indian Express*

For more details, visit our website <http://cerca.iitd.ac.in>

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